

ABSTRACT

The invention relates to an electric motor with a rotating hollow shaft (1) connected to a rotor (4) of the electric motor, wherein for supplying electric energy to the motor, a converter (11) and a corresponding electronic control circuit (13) are at least partly integrated in a hollow space (2) within the hollow shaft (1), whereby the converter (11) and the control electronic circuit (13) are stationarily mounted. This approach produces an electric motor powered by a converter (11) which requires only limited space.